

塗装面積計算書

※塗装面積の計算は設計図書を参照する。

単位:m²

項目	第1径間	第2径間	第3径間	第4径間	第5径間	第6径間	第7径間	合計
主桁	G1主桁	52.9	72.2	72.2	72.2	72.2	110.3	524.4
	G2主桁	-	-	-	-	-	-	0.0
	G3主桁	-	-	-	-	-	-	0.0
	G4主桁	57.3	72.2	72.2	72.2	72.2	110.3	528.8
	小計	110.2	144.5	144.5	144.5	144.5	220.5	1053.1
枝桁	41.3	-	-	-	-	-	-	41.3
対傾構	-	-	-	-	-	-	-	0.0
横桁	-	-	-	-	-	-	-	0.0
横構	-	-	-	-	-	-	-	0.0
合計	151.5	144.5	144.5	144.5	144.5	144.5	220.5	1094.5
							≒	1090.0

1. 第1径間

(1) 主桁

1) G1桁

a) 上フランジ

$$\begin{aligned} \cdot A3 &= (-0.150 + 1 \times 0.016 - 0.0045) \times 11.637 = 1.88 \text{ m}^2 \\ \cdot A4 &= (-0.150 + 1 \times 0.016 - 0.0045) \times 4.188 = 0.68 \text{ m}^2 \\ \cdot A5 &= (-0.120 + 1 \times 0.011 - 0.0045) \times 5.258 = 0.67 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A2 &= 1.550 \times 11.637 \times 1 = 18.04 \text{ m}^2 \\ \cdot A3 &= 1.550 \times 9.438 \times 1 = 14.63 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A3 &= ((-0.765 + 0.025) \times 1 - 0.0045) \times 11.637 = 9.088 \text{ m}^2 \\ \cdot A4 &= ((-0.765 + 0.025) \times 1 - 0.0045) \times 4.188 = 3.27 \text{ m}^2 \\ \cdot A5 &= ((-0.450 + 0.019) \times 1 - 0.0045) \times 5.250 = 2.42 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\cdot A1 = 0.125 \times 1.550 \times 2 \times 2 = 0.775 \text{ m}^2$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (-0.120 + 0.720) \times 1 \times 0.010 \times 2 \times 1 = 0.02 \text{ m}^2 \\ \cdot A2 &= (-0.195 + 0.470) \times 1 \times 0.009 \times 2 \times 1 = 0.01 \text{ m}^2 \\ \cdot A3 &= (-0.320 + 1.080) \times 1 \times 0.009 \times 2 \times 1 = 0.03 \text{ m}^2 \\ \cdot A4 &= (-0.230 + 0.770) \times 1 \times 0.019 \times 2 \times 1 = 0.04 \text{ m}^2 \\ \cdot A5 &= (-0.510 + 0.770) \times 1 \times 0.016 \times 2 = 0.04 \text{ m}^2 \\ \cdot A6 &= BN\text{增加分 } 6.7 \times (20 + 68 + 48) / 1,000 \times 1 = 0.91 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 15 = 0.41 \text{ m}^2$$

※G1桁合計

$$= 52.88 \text{ m}^2$$

2) G4桁

a) 上フランジ

$$\begin{aligned} \cdot A2 &= (-0.150 + 1 \times 0.016 - 0.0045) \times 2.763 = 0.45 \text{ m}^2 \\ \cdot A3 &= (-0.150 + 1 \times 0.016 - 0.0045) \times 12.249 = 1.98 \text{ m}^2 \\ \cdot A4 &= (-0.150 + 1 \times 0.016 - 0.0045) \times 4.188 = 0.68 \text{ m}^2 \\ \cdot A5 &= (-0.120 + 1 \times 0.011 - 0.0045) \times 5.258 = 0.67 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A2 &= 1.550 \times 12.249 \times 1 = 18.99 \text{ m}^2 \\ \cdot A3 &= 1.550 \times 9.438 \times 1 = 14.63 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A2 &= ((-0.765 + 0.025) \times 1 - 0.0045) \times 2.763 = 2.16 \text{ m}^2 \\ \cdot A3 &= ((-0.765 + 0.025) \times 1 - 0.0045) \times 12.249 = 9.57 \text{ m}^2 \\ \cdot A4 &= ((-0.765 + 0.025) \times 1 - 0.0045) \times 4.188 = 3.27 \text{ m}^2 \\ \cdot A5 &= ((-0.450 + 0.025) \times 1 - 0.0045) \times 5.250 = 2.45 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\cdot A1 = 0.125 \times 1.550 \times 1 \times 4 = 0.775 \text{ m}^2$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (-0.120 + 0.720) \times 2 \times 0.010 \times 2 \times 1 = 0.03 \text{ m}^2 \\ \cdot A2 &= (-0.195 + 0.470) \times 2 \times 0.009 \times 4 \times 1 = 0.05 \text{ m}^2 \\ \cdot A3 &= (-0.320 + 1.080) \times 2 \times 0.009 \times 2 \times 1 = 0.05 \text{ m}^2 \\ \cdot A4 &= (-0.230 + 0.770) \times 2 \times 0.019 \times 2 \times 1 = 0.08 \text{ m}^2 \\ \cdot A5 &= (-0.510 + 0.770) \times 2 \times 0.016 \times 2 = 0.08 \text{ m}^2 \\ \cdot A6 &= BN\text{増加分 } 6.7 \times (20 + 68 + 44) / 1,000 \times 1 = 0.88 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 19 = 0.51 \text{ m}^2$$

※G4桁合計

$$= 57.28 \text{ m}^2$$

※主桁合計

$$= 110.2 \text{ m}^2$$

(2) 枝桁

1) ST1桁

a) 上フランジ

$$\begin{aligned} \cdot A1 &= (0.110 + 1 \times 0.010 - 0.0045) \times 5.005 = 0.63 \text{ m}^2 \\ \cdot A2 &= (0.197 + 1 \times 0.010 - 0.0045) \times 1.131 \times 0.65 = 0.16 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A1 &= 1.340 \times 4.933 \times 1 = 6.61 \text{ m}^2 \\ \cdot A2 &= 1.340 \times 1.200 \times 1 = 1.61 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A1 &= ((0.330 + 0.010) \times 1 - 0.0045) \times 4.933 = 1.63 \text{ m}^2 \\ \cdot A2 &= ((0.591 + 0.010) \times 1 - 0.0045) \times 1.131 \times 0.65 = 0.44 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\begin{aligned} \cdot A1 &= 0.160 \times 1.340 \times 1 \times 1 = 0.21 \text{ m}^2 \\ \cdot A2 &= 0.100 \times 1.340 \times 1 \times 4 = 0.54 \text{ m}^2 \\ \cdot A3 &= 0.266 \times 1.340 \times 1 \times 1 = 0.36 \text{ m}^2 \end{aligned}$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (0.080 + 0.320) \times 1 \times 0.009 \times 2 = 0.01 \text{ m}^2 \\ \cdot A2 &= (0.320 + 1.260) \times 1 \times 0.009 \times 2 = 0.03 \text{ m}^2 \\ \cdot A3 &= (0.080 + 0.320) \times 1 \times 0.009 \times 2 = 0.01 \text{ m}^2 \\ \cdot A4 &= (0.220 + 0.320) \times 1 \times 0.009 \times 1 = 0.00 \text{ m}^2 \\ \cdot A5 &= BN\text{增加分 } 6.7 \times (8 + 52 + 8) / 1,000 = 0.46 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 4 = 0.11 \text{ m}^2$$

※ST1桁合計

$$= 12.79 \text{ m}^2$$

2) ST2桁

a) 上フランジ

$$\begin{aligned} \cdot A1 &= (0.110 + 1 \times 0.010 - 0.0045) \times 5.282 = 0.61 \text{ m}^2 \\ \cdot A2 &= (0.171 + 1 \times 0.010 - 0.0045) \times 1.376 \times 0.65 = 0.16 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A1 &= 1.340 \times 5.258 \times 1 = 7.05 \text{ m}^2 \\ \cdot A2 &= 1.340 \times 1.600 \times 1 = 2.14 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A1 &= ((0.330 + 0.010) \times 1 - 0.0045) \times 5.258 = 1.74 \text{ m}^2 \\ \cdot A2 &= ((0.765 + 0.014) \times 1 - 0.0045) \times 1.895 \times 0.65 = 0.95 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\begin{aligned} \cdot A2 &= 0.100 \times 1.340 \times 1 \times 3 = 0.40 \text{ m}^2 \\ \cdot A3 &= 0.343 \times 1.340 \times 1 \times 1 = 0.46 \text{ m}^2 \end{aligned}$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (0.080 + 0.320) \times 1 \times 0.009 \times 2 = 0.01 \text{ m}^2 \\ \cdot A2 &= (0.320 + 1.260) \times 1 \times 0.009 \times 2 = 0.03 \text{ m}^2 \\ \cdot A3 &= (0.080 + 0.320) \times 1 \times 0.009 \times 2 = 0.01 \text{ m}^2 \\ \cdot A4 &= (0.220 + 0.320) \times 1 \times 0.009 \times 1 = 0.00 \text{ m}^2 \\ \cdot A5 &= BN\text{増加分 } 6.7 \times (8 + 52 + 8) / 1,000 = 0.46 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 3 = 0.08 \text{ m}^2$$

※ST2桁合計

$$= 14.09 \text{ m}^2$$

4) ST4桁

a) 上フランジ

$$\begin{aligned} \cdot A1 &= (0.110 + 1 \times 0.010 - 0.0045) \times 6.199 = 0.72 \text{ m}^2 \\ \cdot A2 &= (0.192 + 1 \times 0.010 - 0.0045) \times 0.718 \times 0.65 = 0.09 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A1 &= 1.340 \times 6.100 \times 1 = 8.17 \text{ m}^2 \\ \cdot A2 &= 1.340 \times 0.800 \times 1 = 1.07 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A1 &= ((0.330 + 0.010) \times 1 - 0.0045) \times 6.100 = 2.02 \text{ m}^2 \\ \cdot A2 &= ((0.669 + 0.010) \times 1 - 0.0045) \times 0.914 \times 0.65 = 0.40 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\begin{aligned} \cdot A1 &= 0.160 \times 1.340 \times 1 \times 1 = 0.21 \text{ m}^2 \\ \cdot A2 &= 0.100 \times 1.340 \times 1 \times 5 = 0.67 \text{ m}^2 \\ \cdot A3 &= 0.358 \times 1.340 \times 1 \times 1 = 0.48 \text{ m}^2 \end{aligned}$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (0.080 + 0.320) \times 1 \times 0.009 \times 2 = 0.01 \text{ m}^2 \\ \cdot A2 &= (0.320 + 1.260) \times 1 \times 0.009 \times 2 = 0.03 \text{ m}^2 \\ \cdot A3 &= (0.080 + 0.320) \times 1 \times 0.009 \times 2 = 0.01 \text{ m}^2 \\ \cdot A4 &= (0.220 + 0.320) \times 1 \times 0.009 \times 1 = 0.00 \text{ m}^2 \\ \cdot A5 &= BN\text{增加分 } 6.7 \times (8 + 52 + 8) / 1,000 = 0.46 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 4 = 0.11 \text{ m}^2$$

※ST4桁合計 = 14.45 m²

※枝桁合計 = 41.3 m²

2. 第2径間

(1) 主桁

1) G1桁(G4桁)

a) 上フランジ

$$\begin{aligned} \cdot A1 &= (0.120 + 1 \times 0.011 - 0.0045) \times 5.258 \times 2 = 1.33 \text{ m}^2 \\ \cdot A2 &= (0.145 + 1 \times 0.016 - 0.0045) \times 4.188 \times 2 = 1.31 \text{ m}^2 \\ \cdot A3 &= (0.145 + 1 \times 0.016 - 0.0045) \times 11.024 \times 1 = 1.73 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A1 &= 1.550 \times 9.438 \times 2 \times 1 = 29.26 \text{ m}^2 \\ \cdot A2 &= 1.550 \times 11.024 \times 1 = 17.09 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A1 &= ((0.435 + 0.019) \times 1 - 0.0045) \times 5.250 \times 2 = 4.67 \text{ m}^2 \\ \cdot A2 &= ((0.720 + 0.025) \times 1 - 0.0045) \times 3.438 \times 2 = 5.06 \text{ m}^2 \\ \cdot A3 &= ((0.720 + 0.028) \times 1 - 0.0045) \times 1.500 \times 2 = 2.22 \text{ m}^2 \\ \cdot A4 &= ((0.720 + 0.025) \times 1 - 0.0045) \times 9.524 = 7.01 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\cdot A1 = 0.125 \times 1.550 \times 1 \times 4 = 0.775 \text{ m}^2$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (0.120 + 0.590) \times 2 \times 0.010 \times 2 \times 1 = 0.03 \text{ m}^2 \\ \cdot A2 &= (0.195 + 0.470) \times 2 \times 0.009 \times 4 \times 1 = 0.05 \text{ m}^2 \\ \cdot A3 &= (0.320 + 1.080) \times 2 \times 0.009 \times 2 \times 1 = 0.05 \text{ m}^2 \\ \cdot A4 &= (0.215 + 0.920) \times 2 \times 0.019 \times 2 \times 1 = 0.09 \text{ m}^2 \\ \cdot A5 &= (0.480 + 0.920) \times 2 \times 0.014 \times 2 = 0.08 \text{ m}^2 \\ \cdot A6 &= BN\text{增加分 } 6.7 \times (16 + 68 + 48) / 1,000 \times 1 = 0.88 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 23 = 0.62 \text{ m}^2$$

※G1桁合計

= 72.24 m²

※G4桁合計

= 72.24 m²

※主桁合計

= 144.5 m²

3. 第3径間

(1) 主桁

1) G1桁(G4桁)

a) 上フランジ

$$\begin{aligned} \cdot A1 &= (0.120 + 1 \times 0.011 - 0.0045) \times 5.258 \times 2 = 1.33 \text{ m}^2 \\ \cdot A2 &= (0.145 + 1 \times 0.016 - 0.0045) \times 4.188 \times 2 = 1.31 \text{ m}^2 \\ \cdot A3 &= (0.145 + 1 \times 0.016 - 0.0045) \times 11.024 \times 1 = 1.73 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A1 &= 1.550 \times 9.438 \times 2 \times 1 = 29.26 \text{ m}^2 \\ \cdot A2 &= 1.550 \times 11.024 \times 1 = 17.09 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A1 &= ((0.435 + 0.019) \times 1 - 0.0045) \times 5.250 \times 2 = 4.67 \text{ m}^2 \\ \cdot A2 &= ((0.720 + 0.025) \times 1 - 0.0045) \times 3.438 \times 2 = 5.06 \text{ m}^2 \\ \cdot A3 &= ((0.720 + 0.028) \times 1 - 0.0045) \times 1.500 \times 2 = 2.22 \text{ m}^2 \\ \cdot A4 &= ((0.720 + 0.025) \times 1 - 0.0045) \times 9.524 = 7.01 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\cdot A1 = 0.125 \times 1.550 \times 1 \times 4 = 0.775 \text{ m}^2$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (0.120 + 0.590) \times 2 \times 0.010 \times 2 \times 1 = 0.03 \text{ m}^2 \\ \cdot A2 &= (0.195 + 0.470) \times 2 \times 0.009 \times 4 \times 1 = 0.05 \text{ m}^2 \\ \cdot A3 &= (0.320 + 1.080) \times 2 \times 0.009 \times 2 \times 1 = 0.05 \text{ m}^2 \\ \cdot A4 &= (0.215 + 0.920) \times 2 \times 0.019 \times 2 \times 1 = 0.09 \text{ m}^2 \\ \cdot A5 &= (0.480 + 0.920) \times 2 \times 0.014 \times 2 = 0.08 \text{ m}^2 \\ \cdot A6 &= BN\text{增加分 } 6.7 \times (16 + 68 + 48) / 1,000 \times 1 = 0.88 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 23 = 0.62 \text{ m}^2$$

※G1桁合計

= 72.24 m²

※G4桁合計

= 72.24 m²

※主桁合計

= 144.5 m²

4. 第4径間

(1) 主桁

1) G1桁(G4桁)

a) 上フランジ

$$\begin{aligned} \cdot A1 &= (0.120 + 1 \times 0.011 - 0.0045) \times 5.258 \times 2 = 1.33 \text{ m}^2 \\ \cdot A2 &= (0.145 + 1 \times 0.016 - 0.0045) \times 4.188 \times 2 = 1.31 \text{ m}^2 \\ \cdot A3 &= (0.145 + 1 \times 0.016 - 0.0045) \times 11.024 \times 1 = 1.73 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A1 &= 1.550 \times 9.438 \times 2 \times 1 = 29.26 \text{ m}^2 \\ \cdot A2 &= 1.550 \times 11.024 \times 1 = 17.09 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A1 &= ((0.435 + 0.019) \times 1 - 0.0045) \times 5.250 \times 2 = 4.67 \text{ m}^2 \\ \cdot A2 &= ((0.720 + 0.025) \times 1 - 0.0045) \times 3.438 \times 2 = 5.06 \text{ m}^2 \\ \cdot A3 &= ((0.720 + 0.028) \times 1 - 0.0045) \times 1.500 \times 2 = 2.22 \text{ m}^2 \\ \cdot A4 &= ((0.720 + 0.025) \times 1 - 0.0045) \times 9.524 = 7.01 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\cdot A1 = 0.125 \times 1.550 \times 1 \times 4 = 0.775 \text{ m}^2$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (0.120 + 0.590) \times 2 \times 0.010 \times 2 \times 1 = 0.03 \text{ m}^2 \\ \cdot A2 &= (0.195 + 0.470) \times 2 \times 0.009 \times 4 \times 1 = 0.05 \text{ m}^2 \\ \cdot A3 &= (0.320 + 1.080) \times 2 \times 0.009 \times 2 \times 1 = 0.05 \text{ m}^2 \\ \cdot A4 &= (0.215 + 0.920) \times 2 \times 0.019 \times 2 \times 1 = 0.09 \text{ m}^2 \\ \cdot A5 &= (0.480 + 0.920) \times 2 \times 0.014 \times 2 = 0.08 \text{ m}^2 \\ \cdot A6 &= BN\text{增加分 } 6.7 \times (16 + 68 + 48) / 1,000 \times 1 = 0.88 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 23 = 0.62 \text{ m}^2$$

※G1桁合計

= 72.24 m²

※G4桁合計

= 72.24 m²

※主桁合計

= 144.5 m²

5. 第5径間

(1) 主桁

1) G1桁(G4桁)

a) 上フランジ

$$\begin{aligned} \cdot A1 &= (0.120 + 1 \times 0.011 - 0.0045) \times 5.258 \times 2 = 1.33 \text{ m}^2 \\ \cdot A2 &= (0.145 + 1 \times 0.016 - 0.0045) \times 4.188 \times 2 = 1.31 \text{ m}^2 \\ \cdot A3 &= (0.145 + 1 \times 0.016 - 0.0045) \times 11.024 \times 1 = 1.73 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A1 &= 1.550 \times 9.438 \times 2 \times 1 = 29.26 \text{ m}^2 \\ \cdot A2 &= 1.550 \times 11.024 \times 1 = 17.09 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A1 &= ((0.435 + 0.019) \times 1 - 0.0045) \times 5.250 \times 2 = 4.67 \text{ m}^2 \\ \cdot A2 &= ((0.720 + 0.025) \times 1 - 0.0045) \times 3.438 \times 2 = 5.06 \text{ m}^2 \\ \cdot A3 &= ((0.720 + 0.028) \times 1 - 0.0045) \times 1.500 \times 2 = 2.22 \text{ m}^2 \\ \cdot A4 &= ((0.720 + 0.025) \times 1 - 0.0045) \times 9.524 = 7.01 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\cdot A1 = 0.125 \times 1.550 \times 1 \times 4 = 0.775 \text{ m}^2$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (0.120 + 0.590) \times 2 \times 0.010 \times 2 \times 1 = 0.03 \text{ m}^2 \\ \cdot A2 &= (0.195 + 0.470) \times 2 \times 0.009 \times 4 \times 1 = 0.05 \text{ m}^2 \\ \cdot A3 &= (0.320 + 1.080) \times 2 \times 0.009 \times 2 \times 1 = 0.05 \text{ m}^2 \\ \cdot A4 &= (0.215 + 0.920) \times 2 \times 0.019 \times 2 \times 1 = 0.09 \text{ m}^2 \\ \cdot A5 &= (0.480 + 0.920) \times 2 \times 0.014 \times 2 = 0.08 \text{ m}^2 \\ \cdot A6 &= BN\text{增加分 } 6.7 \times (16 + 68 + 48) / 1,000 \times 1 = 0.88 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 23 = 0.62 \text{ m}^2$$

※G1桁合計

= 72.24 m²

※G4桁合計

= 72.24 m²

※主桁合計

= 144.5 m²

6. 第6径間

(1) 主桁

1) G1桁(G4桁)

a) 上フランジ

- A1= (0.120 + 1 x 0.011 - 0.0045) x 5.258 x 2 = 1.33 m²
- A2= (0.145 + 1 x 0.016 - 0.0045) x 4.188 x 2 = 1.31 m²
- A3= (0.145 + 1 x 0.016 - 0.0045) x 11.024 x 1 = 1.73 m²

b) ウエブ

- A1= 1.550 x 9.438 x 2 x 1 = 29.26 m²
- A2= 1.550 x 11.024 x 1 = 17.09 m²

c) 下フランジ

- A1= ((0.435 + 0.019) x 1 - 0.0045) x 5.250 x 2 = 4.67 m²
- A2= ((0.720 + 0.025) x 1 - 0.0045) x 3.438 x 2 = 5.06 m²
- A3= ((0.720 + 0.028) x 1 - 0.0045) x 1.500 x 2 = 2.22 m²
- A4= ((0.720 + 0.025) x 1 - 0.0045) x 9.524 = 7.01 m²

d) 補剛材

- A1= 0.125 x 1.550 x 1 x 4 = 0.775 m²

e) 添接板

- A1= (0.120 + 0.590) x 2 x 0.010 x 2 x 1 = 0.03 m²
- A2= (0.195 + 0.470) x 2 x 0.009 x 4 x 1 = 0.05 m²
- A3= (0.320 + 1.080) x 2 x 0.009 x 2 x 1 = 0.05 m²
- A4= (0.215 + 0.920) x 2 x 0.019 x 2 x 1 = 0.09 m²
- A5= (0.480 + 0.920) x 2 x 0.014 x 2 = 0.08 m²
- A6= BN増加分 6.7 x (16 + 68 + 48) / 1,000 x 1 = 0.88 m²

f) 足場補助材

- A1= 0.090 x 0.150 x 2 x 23 = 0.62 m²

※G1桁合計

= 72.24 m²

※G4桁合計

= 72.24 m²

※主桁合計

= 144.5 m²

7. 第7径間

(1) 主桁

1) G1桁(G4桁)

a) 上フランジ

$$\begin{aligned} \cdot A1 &= (0.115 + 1 \times 0.011 - 0.0045) \times 4.408 \times 2 = 1.07 \text{ m}^2 \\ \cdot A2 &= (0.140 + 1 \times 0.016 - 0.0045) \times 5.000 \times 2 = 1.52 \text{ m}^2 \\ \cdot A3 &= (0.185 + 1 \times 0.019 - 0.0045) \times 3.350 \times 2 = 1.34 \text{ m}^2 \\ \cdot A4 &= (0.185 + 1 \times 0.019 - 0.0045) \times 13.000 = 2.59 \text{ m}^2 \end{aligned}$$

b) ウエブ

$$\begin{aligned} \cdot A1 &= 1.850 \times 12.750 \times 2 \times 1 = 47.18 \text{ m}^2 \\ \cdot A2 &= 1.850 \times 13.000 \times 1 = 24.05 \text{ m}^2 \end{aligned}$$

c) 下フランジ

$$\begin{aligned} \cdot A1 &= ((0.420 + 0.016) \times 1 - 0.0045) \times 4.400 \times 2 = 3.76 \text{ m}^2 \\ \cdot A2 &= ((0.690 + 0.025) \times 1 - 0.0045) \times 5.000 \times 2 = 7.06 \text{ m}^2 \\ \cdot A3 &= ((0.915 + 0.028) \times 1 - 0.0045) \times 3.350 \times 2 = 6.26 \text{ m}^2 \\ \cdot A4 &= ((0.915 + 0.028) \times 1 - 0.0045) \times 13.000 = 12.14 \text{ m}^2 \end{aligned}$$

d) 補剛材

$$\cdot A1 = 0.125 \times 1.850 \times 1 \times 4 = 0.925 \text{ m}^2$$

e) 添接板

$$\begin{aligned} \cdot A1 &= (0.160 + 0.650) \times 2 \times 0.012 \times 2 \times 1 = 0.04 \text{ m}^2 \\ \cdot A2 &= (0.195 + 0.470) \times 2 \times 0.009 \times 4 \times 1 = 0.05 \text{ m}^2 \\ \cdot A3 &= (0.320 + 1.380) \times 2 \times 0.009 \times 2 \times 1 = 0.06 \text{ m}^2 \\ \cdot A4 &= (0.280 + 0.920) \times 2 \times 0.019 \times 2 \times 1 = 0.09 \text{ m}^2 \\ \cdot A5 &= (0.610 + 0.920) \times 2 \times 0.016 \times 2 = 0.10 \text{ m}^2 \\ \cdot A6 &= BN\text{增加分 } 6.7 \times (32 + 80 + 68) / 1,000 \times 1 = 1.21 \text{ m}^2 \end{aligned}$$

f) 足場補助材

$$\cdot A1 = 0.090 \times 0.150 \times 2 \times 31 = 0.84 \text{ m}^2$$

※G1桁合計

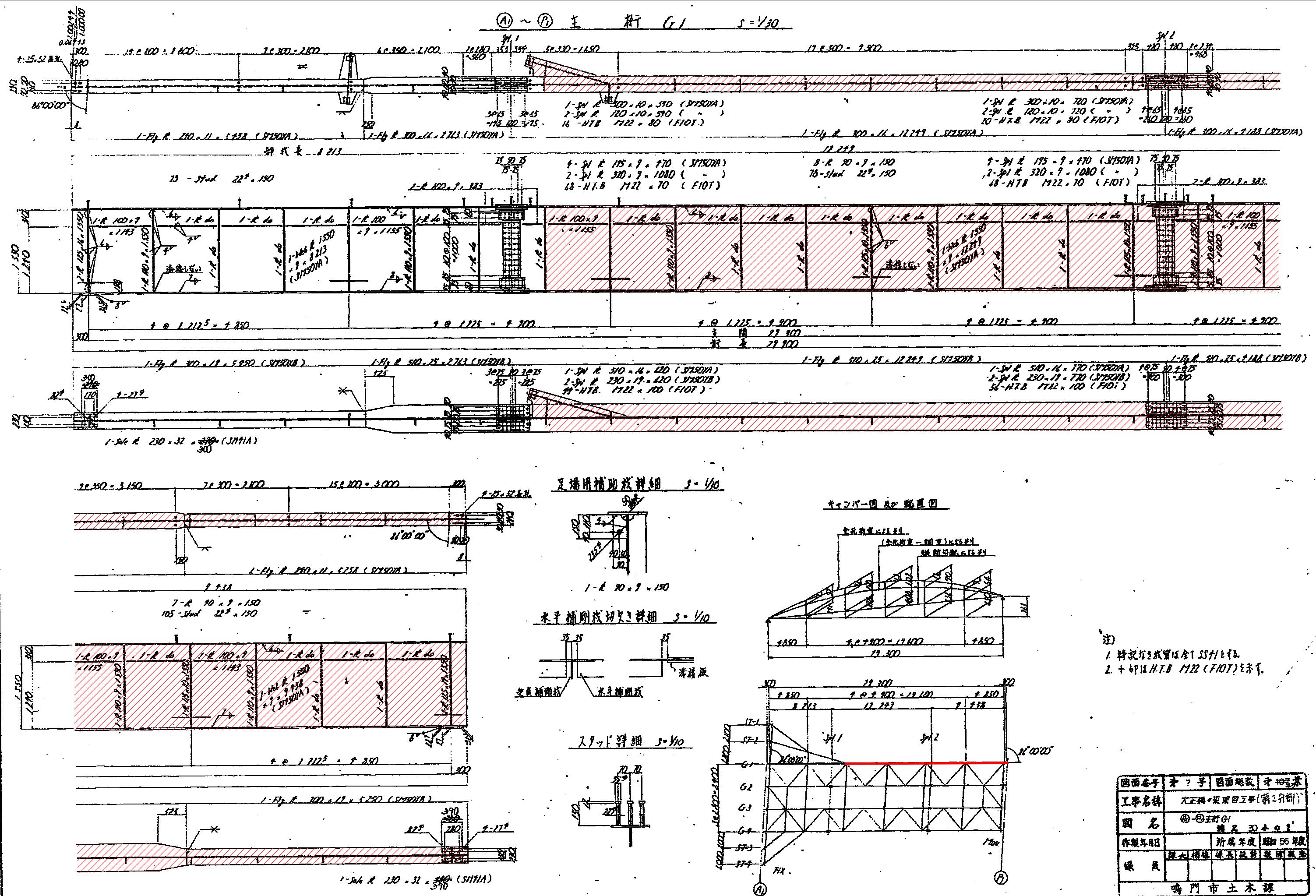
= 110.26 m²

※G4桁合計

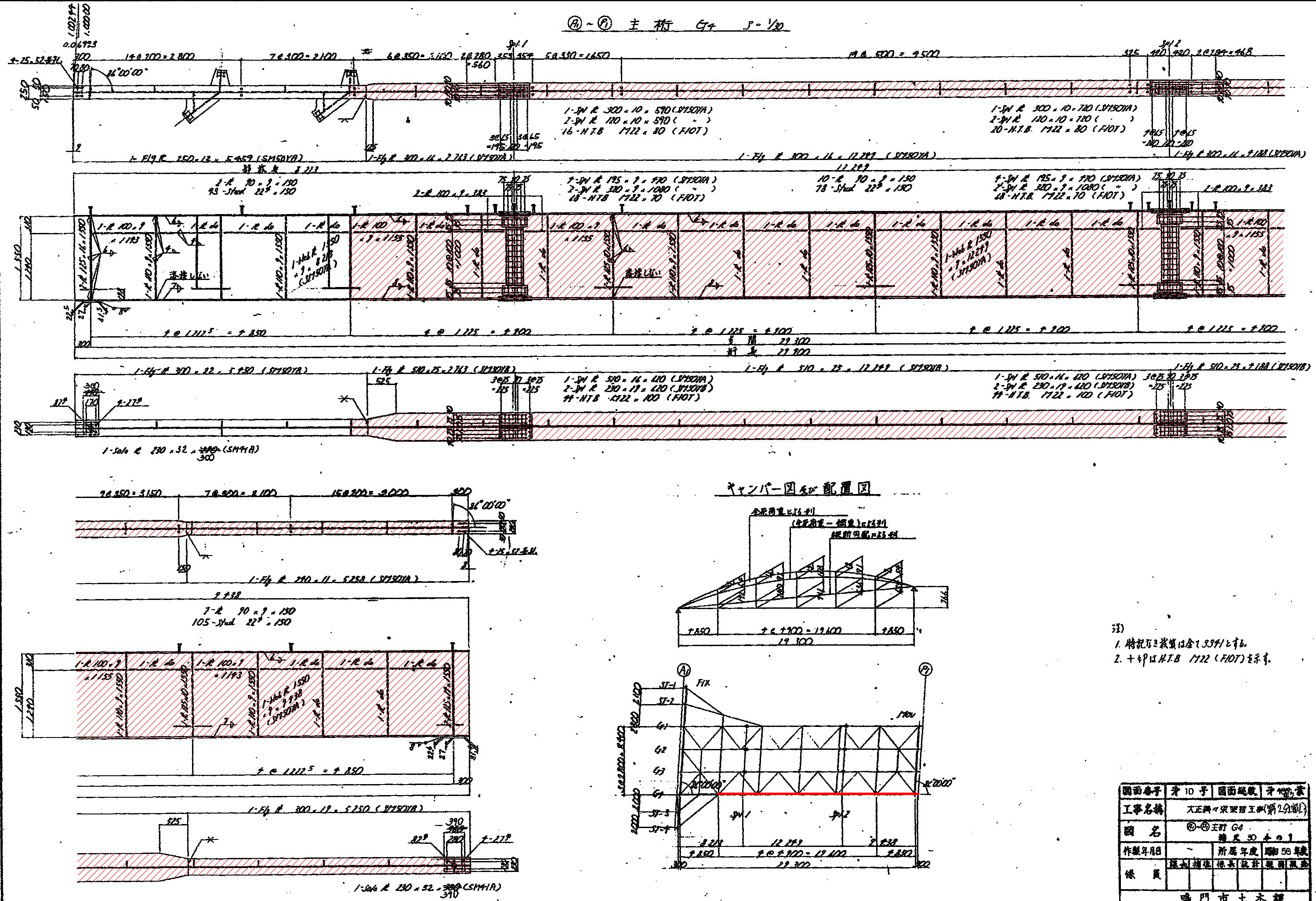
= 110.26 m²

※主桁合計

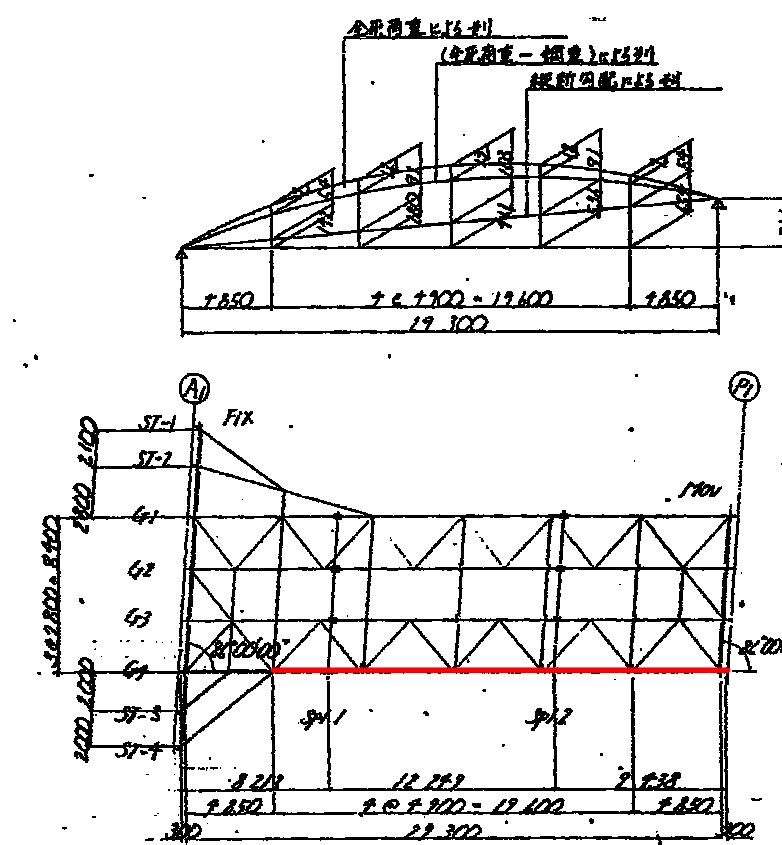
= 220.5 m²



西面番号	番 ? 号	西面總數	才相子禁		
工事名稱	尤正獨・梁黑留立事(第2分割)				
圖名	(2)→(2)主行 G/ 擴大 30 4.0 1'				
作製年月		所屬年度	昭和 56 年度		
保	保人	機種	係長	監督	監理
民					
鳴門市土木課					

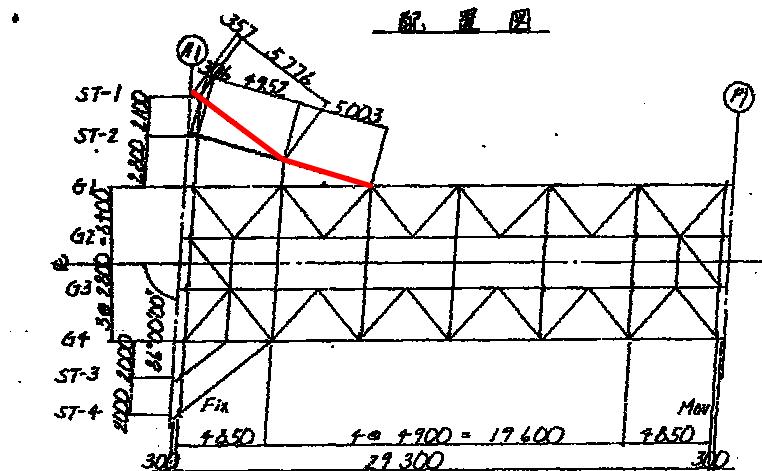
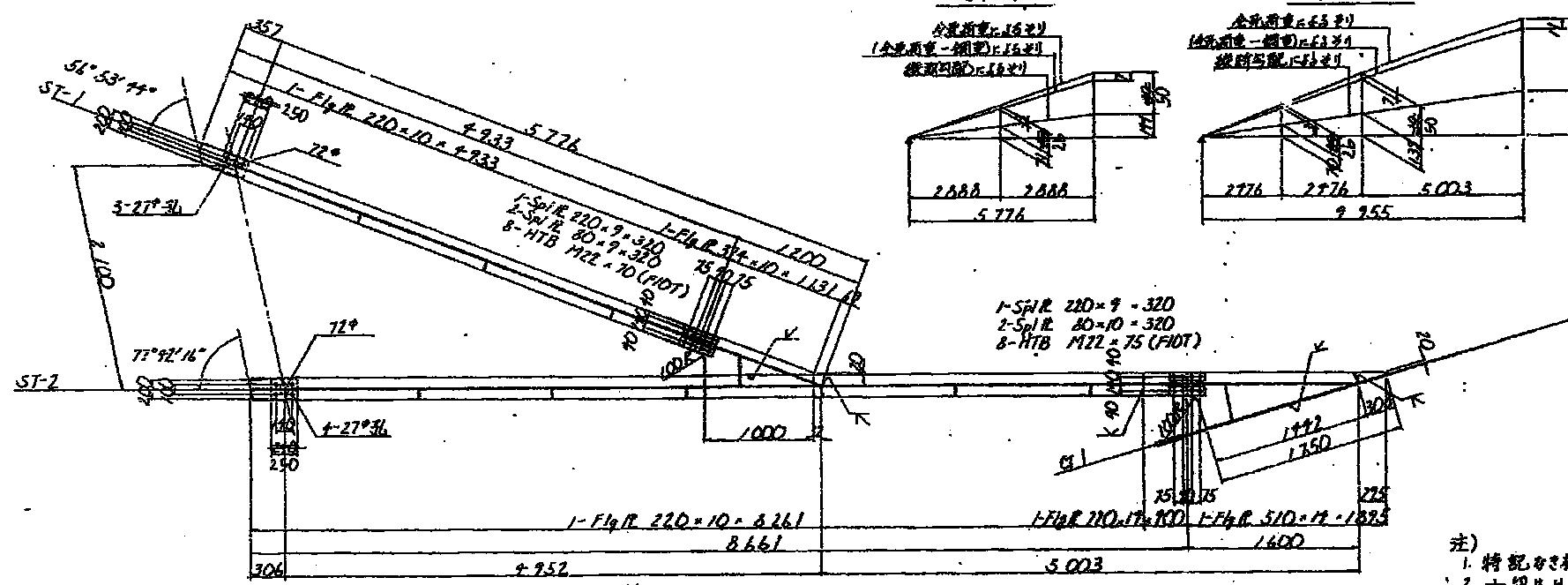
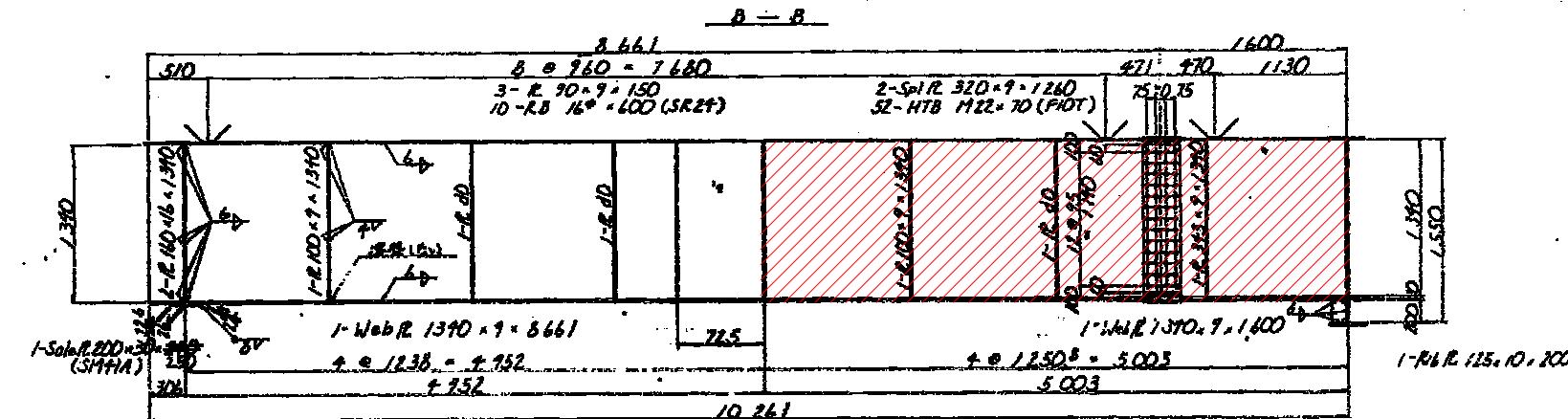
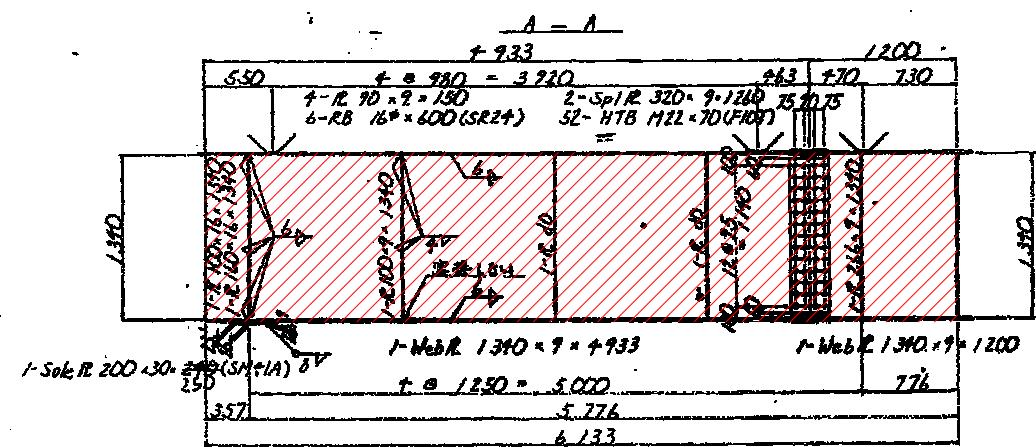
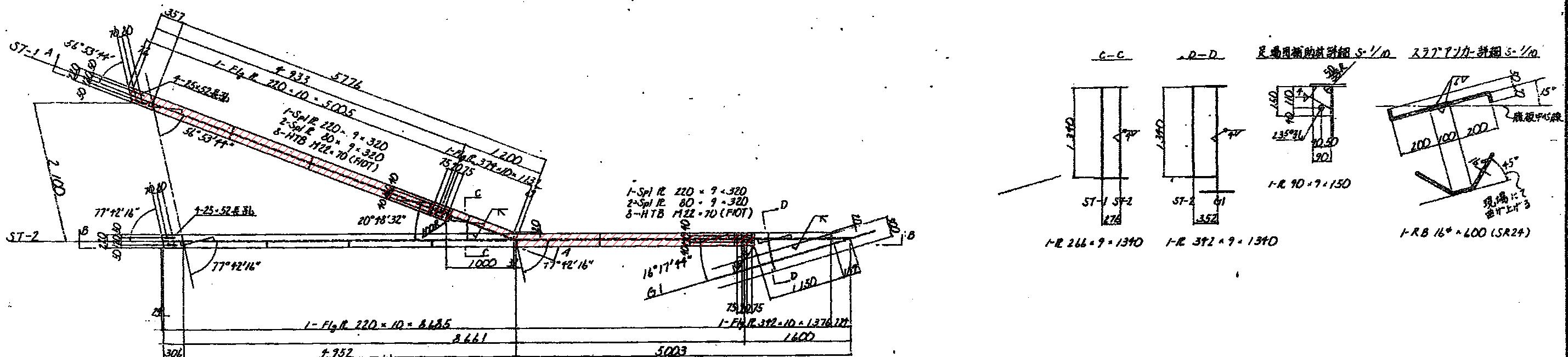


キャンパー図及び配置表



33)
 1. 特記有り数値は全 1,334 とす。
 2. +印は H.I.B. 1722 (FLOT) を示す。

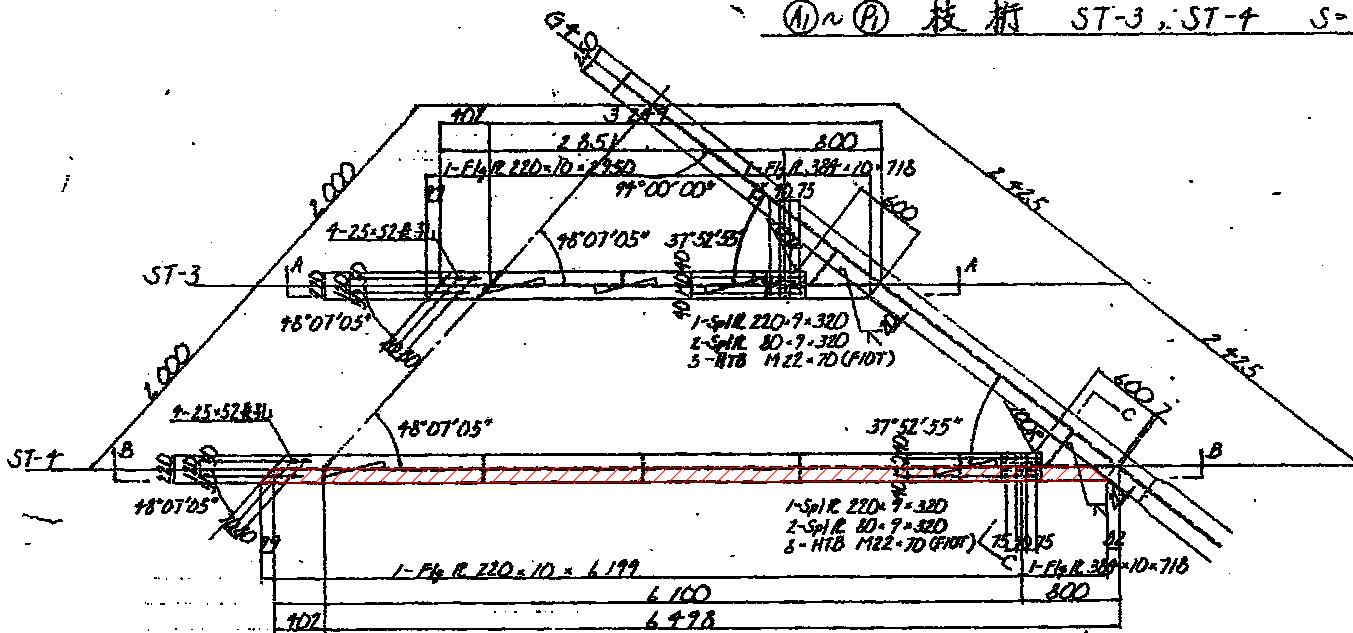
① ~ P₁ 技术 ST-1, ST-2 S = 1/30



注)
 1. 特記なき材質は全てSS41とする
 2. +印はH.T.B M22(FDHT)を表す
 3. 特記なきスクリュードは35R寸。

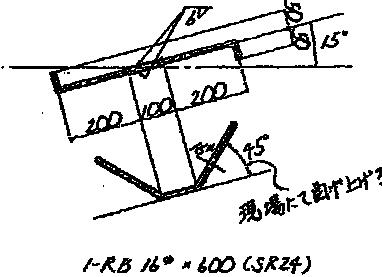
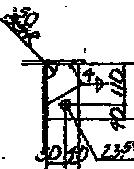
國面番号	青 11 号	國面總數	青 197 号		
工事名稱	尤正御の災害防災工事(第2分割)				
國名	④~⑤ 滅行 ST-1, ST-2 諸島 30 本の 1				
作成年月日		附屬年度	昭和 56 年度		
保民	埋木	構造	保木	立替	堅固性
鳴門市土木課					

⑪ n P1 技术 ST-3, ST-4 S= 1/30



尾鷲周指助材群編 S-1710

スラブアンカー詳細 S=1/10



1-80-9x75

1-RB 16" x 600 (SR24)

解題圖

A - A

2351	300		
591	910	910	1240
3-RB 16 [#] 200 (SRAF)		352025	2-S1E 320 x 9 = 1260
		52-HTB M22-80 (FIDT)	
$1-Web R 1390 \times 9 = 2851$ $30-HTB M22 (SRAF)$ $50 = 1083 = 3249$ 102 3249 3651			
$1-Web R 1390 \times 7 = 6000$ $1-Web R 125.10 = 300$			

B - B

6100	
660	
5 = 1000 = 5000	
7-E 10 x 9 = 180	
6-RB 16 [#] = 600 (SRAF)	
2-S1E 320 x 9 = 1260	
52-HTB M22-70 (FIDT)	
75-HTB 25	
1-HTB 1370 x 7 = 800	
$1-Web R 1390 \times 9 = 6000$ $5 = 1272 = 6468$ 6468 6900	

注) 1. 特記なき材質は全て SSTとする
2. +印は HTB 1922 (F107) を示す。
3. 特記なきスカラップは 35R とする。

キャンバー圖

金源酒厂 156324
[金源酒厂 - 酒类] 156324

S.T.

八五
金言錄卷之三

卷之三

禁指相處法 [3]

ANSWER

—
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- 1 -

卷之三

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377

10 of 10

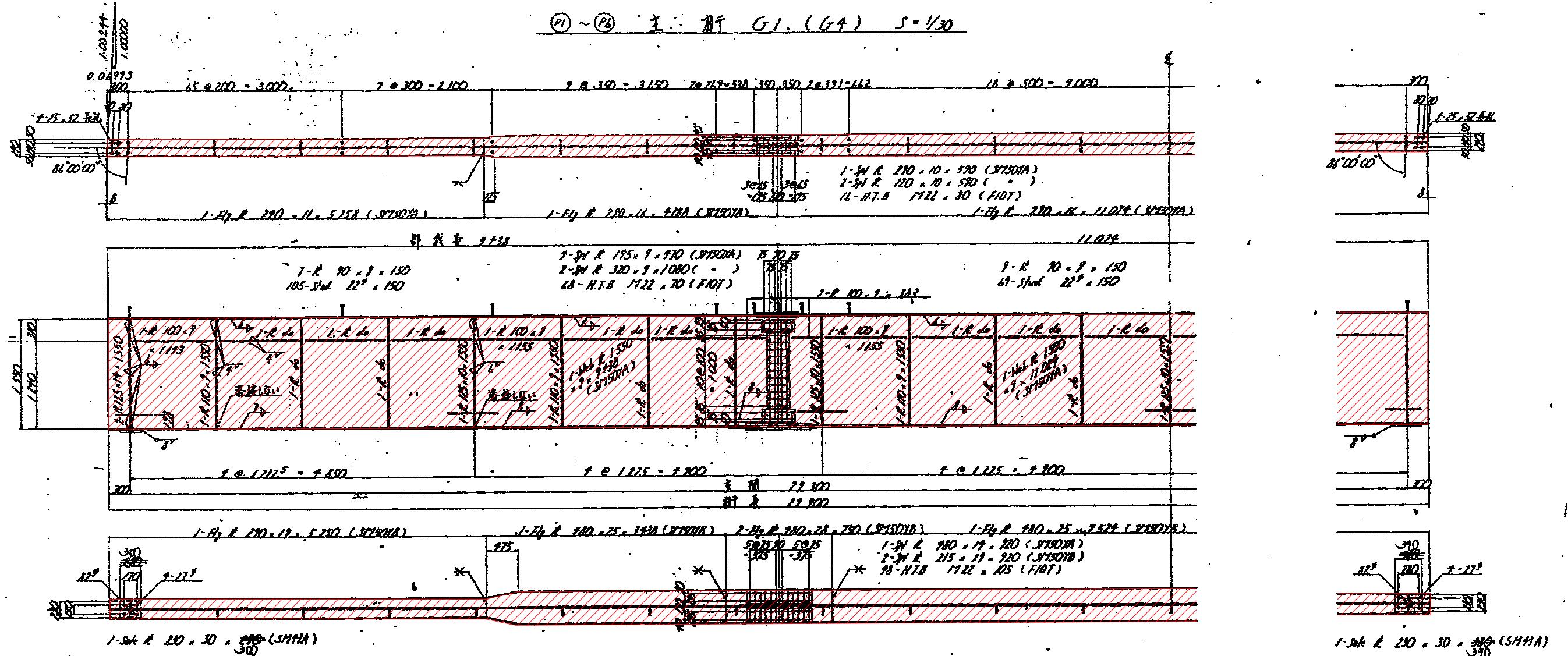
1

1

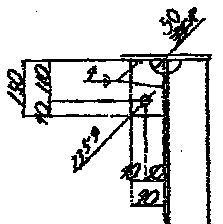
Digitized by srujanika@gmail.com

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國面番子	才 12 号	國面總數	才地當家
工事名稱	尤正綱 ^{タケハシヨウジン} 第1分野(第1分野)		
國名	(4) (5) 桜町 ST-3, ST-4 總尺 30 4.21		
作業年月日		所屬年度	昭和 56 年度
種	種子種植	株式混耕	整備無水
量			

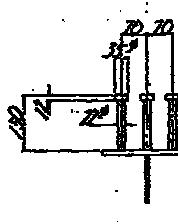


足端用補助杖詳細 S-110

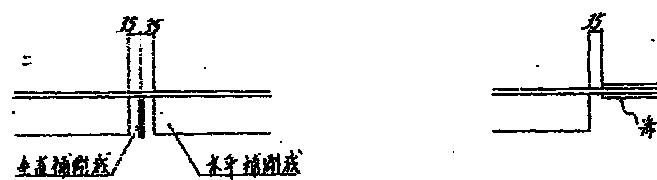


1-E 90-9-150

支那の詳細 S-1/10



水平補剛鐵切莫耳螺栓 $s = 1/16$



配置図

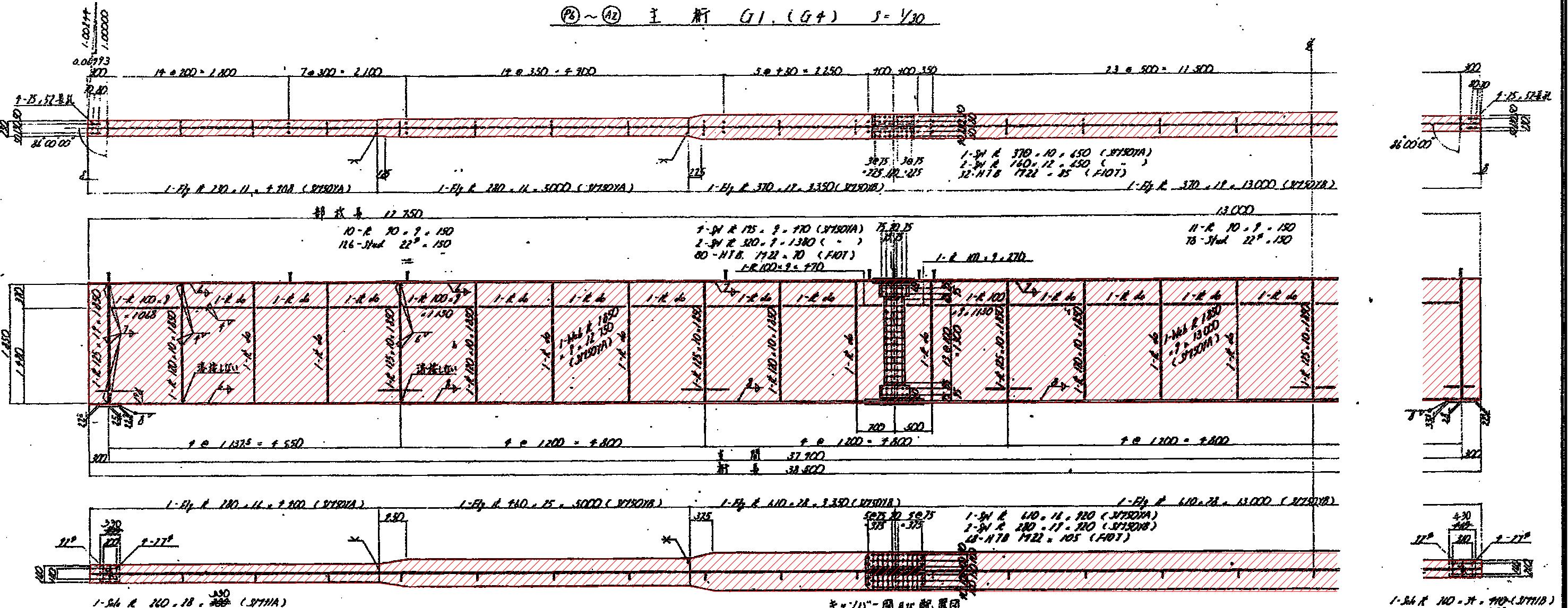
The diagram illustrates a structural layout (配置図) for a truss system. The top horizontal beam is labeled with dimensions: 100 on the left, 11.300 in the center, and 100 on the right. Below this, a series of vertical columns are labeled with values: 7.850, 7.0, 1.310 = 11.010, and 7.850. The bottom horizontal beam is labeled with 11.000 on both ends. The vertical columns are labeled G1, G2, G3, and G4 from top to bottom. A red horizontal line passes through the G2 and G3 levels. At the bottom, two support points are labeled P_1 and P_2 on the left, and P_3 and P_4 on the right. A note on the left side indicates a distance of 10.100 between the two support groups.

道)

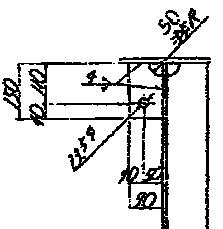
1. 説明書き放置は全くSS41とす。
2. + 部は H.T.B M22 (FIOT) を示す。
3. ソールプレートをキャンバー図参照。
材料は擴大にて示す。

前面番号	第18号	前面総数	第18号
工事名稱	大正橋々梁架設工事(第1分野)		
圖名	②-③王野 G/H(G4) 縮尺 1/3000		
作製年月日		所屬年成	昭和 56年秋
保員	保長 植村 副長 藤井 監修 斎藤 監理 高橋	監修 斎藤 監理 高橋	監理 高橋
	鳴門市土木課		

P6 ~ A2 主軸 G1, (G4) S = 130

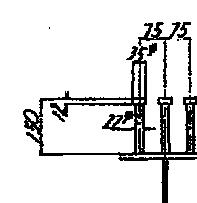


足端用補助式詳細 S-110



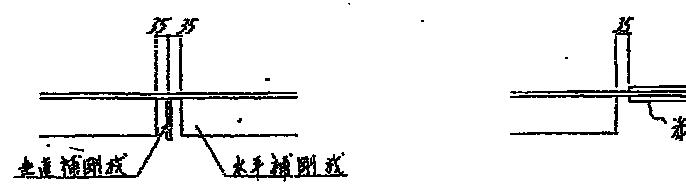
1-2 10, 9, 15

19-1 評細 $S = \frac{1}{10}$



七

七
卷



The diagram illustrates a roof truss system with the following dimensions:

- Width: 18.000
- Length: 37.300
- Left side height: 5.500
- Right side height: 5.500
- Center height: 4.500
- Left end height: 3.500
- Right end height: 3.500
- Left end width: 1.500
- Right end width: 1.500
- Center width: 1.500
- Left end height from ground: 3.500
- Right end height from ground: 3.500
- Center height from ground: 4.500
- Left end width from center: 1.500
- Right end width from center: 1.500
- Center width from center: 1.500

The diagram shows a truss structure with a horizontal length of 37.900 meters. The left end is labeled 'P1' and the right end is labeled 'P2'. The truss has four horizontal chords labeled G1, G2, G3, and G4 from top to bottom. The height of the truss is 11.250 meters. The width of the truss is 13.000 meters. The distance between the vertical columns is 11.250 meters. The truss is supported by two vertical columns at the center, each labeled 'S1'. The left vertical column is labeled 'G1' and the right vertical column is labeled 'G4'. The truss is divided into six bays by five vertical columns. The first bay on the left is labeled 'P1'. The last bay on the right is labeled 'P2'. The total width of the truss is 13.000 meters.

注) 時計取扱説明書(55412号)
2 + 4は H.T.B M22(F107)を示す。
3.(1)用 級値の許容値を示す。